

A084 Real-life graphs

- ① a) 1300
b) 45 minutes
c) 1.4 km
d) shown on graph
- ② a) £10
b) £30
- ③ shown on graph
- ④ a) graph
b) 48-52 cm
- ⑤ a) graph
b) 15 miles, supported by evidence on graph
- ⑥ a) graph
b) 4.5 km
- ⑦ 3p
- ⑧ a) 6.4-6.6
b) 9.75-9.85
c) 5, 9
- ⑨ a) i) fixed charge
ii) cost per minute
b) $y = 1.5x + 0.5$
- ⑩ a) 34
b) £440 - 460
c) 17-18
- ⑪ a) 45 minutes
b) 50 km/h

A084 Real-life graphs

① $y = 1300$ ①
 $x = 45$ ②
 $y = 1.4$ ③
 $y = 1.4$ ④

② $y = 10$ ⑤
 $y = 30$ ⑥

③ $y = 10$ ⑦
 $y = 30$ ⑧

④ $y = 10$ ⑨
 $y = 30$ ⑩
 $y = 1.4$ ⑪

⑤ $y = 10$ ⑫
 $y = 30$ ⑬
 $y = 1.4$ ⑭

⑥ $y = 10$ ⑮
 $y = 30$ ⑯
 $y = 1.4$ ⑰

⑦ $y = 10$ ⑱
 $y = 30$ ⑲
 $y = 1.4$ ⑳

⑧ $y = 10$ ㉑
 $y = 30$ ㉒
 $y = 1.4$ ㉓

⑨ $y = 10$ ㉔
 $y = 30$ ㉕
 $y = 1.4$ ㉖

⑩ $y = 10$ ㉗
 $y = 30$ ㉘
 $y = 1.4$ ㉙

⑪ $y = 10$ ㉚
 $y = 30$ ㉛
 $y = 1.4$ ㉜